

## Repeaters:

VE3TBR — 146.82 MHz. -

VE3YQT — 147.06 MHz. -



## Meetings:

Second Thursday each  
month, Room 245, in the  
McIntyre Building,  
Confederation College.

**LARC is a member of Radio Amateurs of Canada (RAC).**

## Val Cheppenکو

VE3VEK

July 20, 1964 — July 28, 1993

Tim Whittaker, VE3WCT.

It is with the deepest regret that I inform you of the passing of a fellow operator, Valedoreen (Val) Cheppenکو.

Val passed away peacefully in McKeller Hospital July 28, 1993, eight days after celebrating her 29<sup>th</sup> birthday. Val is survived by her beloved husband Jim (VE3SPK), and precious son Timothy. Also surviving are her parents Val and Lenard Beauchamp Sr., sister Brenda Lyght and brother Lenard Beauchamp Jr., one niece and five nephews and her grandmother Margaret Beauchamp.

I first met Val in 1990 during ham classes that my wife was attending. Everyone at class will remember Val saying over and over that she would "never understand this stuff", but Val persisted and officially obtained her certificate in early 1991 and received the call VE3VEK.

As I sit before the computer composing this, I feel strange referring to Val in the past tense. I recall the pained look on the faces of the operators, at a recent coffee call, when we spoke of Val's death at such a young age, and our concern for Jim and his son. A touch of reality has hit us all, and for a group of communicators we seemed surprisingly quiet. Now as we sit by our radios spinning the dial seeking that rare or regular contact our minds recall the recent funeral and we are struck by the realization that we will not hear Val's voice again.

Our thoughts and prayers go out to you Jim and your family; and Jim, when we stumble for the right words, forgive us, we do not mean to add to your burden.

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**LARC**

**Founding President:**  
**PJ (Pat) O'Shea VE3FW**  
**1881—1972**

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<b>President:</b>	Terry Stewardson VE3TKA	577-9439
<b>Vice-President:</b>	Steve Robb VE3KRH	345-6992
<b>Secretary:</b>	Barry Hunter VE3BGA	768-8164
<b>Treasurer:</b>	Skip Wright VE3BBS	767-2307
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	Glen Wallace VE3ICY	623-0135
	Len Catillo VE3ILV	473-9430
	Norm Bell VE3XRC	577-9316
<b>Past President:</b>	Mark Vukovich VE3VUK	345-5856

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<b>Assistant</b>		
<b>Emergency Coordinator:</b>	Norm Bell VE3XRC	577-9316
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<b>Theory Instructor:</b>	Ed Baumann VE3SNW	622-1216
<b>Code Instructor:</b>	Norm Bell VE3XRC	577-9316
<b>HI-Q Editor:</b>	Jim O'Brien VE3UA	623-7893
<b>Assistant Editor:</b>	Bill Boland VE3BQR	622-8732
<b>Volunteer Examiners:</b>	Ed Baumann VE3SNW	622-1216
	Dave Kimpton VE3AVS	344-8949
	Bob Mitchell VE3IDJ	983-3000
<b>Call-Book:</b>	Jim O'Brien VE3UA	623-7893
	Terry Stewardson VE3TKA	577-9439
	Garry Michaluk VE3GWT	475-7101
	Pat Phugh VE3PHU	345-8562
<b>Awards Manager:</b>	Norm Bell VE3XRC	577-9316
<b>Technical — Hardware:</b>	Laurie Bridgett VE3BCD	622-1628
	Glen Anderson VE3JAU	475-3516
	Lindo Scaless VE3NHX	767-4377
	Glen Wallace VE3ICY	623-0135
	Bill Unger VE3EFC	683-3141
<b>Technical — Software:</b>	Len Catillo VE3ILV	473-9430
	Steve Robb VE3KRH	345-6992
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<b>EMC Committee:</b>	Bob Bishop VE3JAB	767-5689
	Mike Nawrocki VE3ZG	767-1714
	Bill Unger VE3EFC	683-3141
	Laurie Bridgett VE3BCD	622-1628
	Lindo Scaless VE3NHX	767-4377

**What time is Breakfast Anyway?***John VE3GWT*

I have you noticed lately:—

- that a dollar isn't a dollar anymore?
- that you are told that "it will take a week" and it's more like 3 months?
- that prompt courtesy service means that they say "have a nice day". Yuck!

Well here at LARC we too say one thing and mean another. Saturday morning breakfast has been a tradition around here at 10 A.M. That's any time between 8:58 and 10:34! One week people were finished and ready to leave at 10 A.M. But we still say breakfast is at 10 A.M.

I for one like to be able to sleep a little longer one day of the week. With breakfast at 10 getting earlier I have been losing sleep. I think that 10 is a respectful time for our A.M. meal. If you drag it out like many of us do you can forget lunch on Saturday and get on to the weekend. You can do those Saturday running around chores or help Skip and Norm on one of the tower jobs that keep them busy all summer.

What do we do? Well if you have never attended a breakfast you might not be aware that we hold a draw for a free breakfast each week. I propose we start a new contest. A free breakfast to the person nearest 10 A.M. Why leave free meals up to chance, rather, let's use skill. This is a sure fire way to get Amateurs back on track to the right time. They have a chance of getting something for nothing.

If you have never attended a breakfast you are missing out on a great start to a weekend. It's great as a focal point to get that work or assistance you need as there are always lots of people around to lend a help on all kind of projects that need extra hands.

Consider this an invitation, on behalf of all that sit at the table, to join us. We always have room for more at the Blue Parrot — 10 A.M. sharp!

**We Welcome...**

Last May a number of students attending the Ham classes successfully passed the DOC exams. It's been a long wait but they have received their calls. Let's welcome: VE3AZB Allan Bate, VE3NMK Jo Anne McClenaghan, VE3ELV Betty Loveday, VE3RZL Bob Loveday; and Trevor Bishop VE3VSN. I understand Allan has a new hand-held and is trying it out as we go to press. Betty and Bob are presently in the market for radios. Jo Anne and the family moved this summer to Aurora Ont. Congratulations to you all, we hope to hear you on the air soon.

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## A.R.E.S. EXERCISE

Mark 24 September 1993 (Friday) as a day to carry your hand-held with you or if you are going to be off that day, have your rig on at home. The EMO (Emergency Measures Organization) will be activating a Simulated Emergency Test (SET) starting at about 0900 hours.

It is my intention to have the telephone tree printed and distributed by then. Whether or not I will get all the ARES booklets done by then is hard to say. Because it is a Friday there will be some difficulty in securing a number of operators but in any event we will proceed as planned and make the necessary arrangements as they come up.

If you are going to participate in the exercise you make sure have available the following items: pen/pencil(s), writing paper, hand/held or transceiver, battery pak(s), BNC to PL259 adapters (if you got them) and any thing else you feel would satisfy the need. A full update will be given at the September meeting. Hope to see you there!

73...VE3BBS (Skip)

## DXCC Applications

*(Via Packet from VE3VCA 06 Aug. 1993 19:23 Hours.*

Membership in RAC is not required for DXCC participation. With the formation of RAC, Canadian applications for DXCC will be treated similar to other non-American applications from around the world. Canadian amateurs may now apply for the ARRL DXCC award either as an associate member of ARRL or as a non-ARRL member, both at an initial fee of \$10.00 U.S.. Non ARRL members will be charged \$20.00 U.S. and return postage costs for more than one submission per year. Copies of the DX Century Club rules are available from; ARRL, 255 Main Street, Newington, Ct. 06111, U.S.A.

Canadian amateurs are reminded that regular ARRL associate membership, which includes QST, is available through RAC at an annual cost of \$53.00 Cdn and for seniors at \$46.00 Cdn (with proof of age). Ordering and renewing QST magazine (ARRL membership) through RAC provides a more convenient way and slightly reduced cost of obtaining ARRL membership than ordering direct from ARRL. Use VISA or MASTERCARD! Send your ARRL QST subscription to RAC at P.O. Box 356, Kingston, Ont., K7L 4W2

73 de VE3VCA Bill, VE3MNW at the keyboard.

## LARC/Hi-Q Information

Hi-Q is published ten months of the year by the Lakehead Amateur Radio Club Inc. (LARC), an Ontario registered, non-profit corporation. The opinions/viewpoints expressed or implied in Hi-Q are those of the contributing authors; the LARC, Hi-Q or its' Editors assume no responsibility for the accuracy of information submitted. Material in Hi-Q may be copied for non-profit use by the amateur radio community provided credit is given to the author and source(s).

Contributions related to amateur radio, and in particular articles of interest to Northwestern Ontario amateurs, are encouraged. Contributions in the form of manuscripts with drawings and/or photographs are welcome, however, the preferred method of submission is electronically, either via modem or on a 3.5" disk (disks will be returned). The preferred format is as a WordPerfect® 5.1 file; the next acceptable is as an IBM-compatible ASCII file.

Mail your articles direct to the Assistant Editor, Bill Boland, VE3BQR, at 431 McKenzie Street, Thunder Bay, ON, P7C 3L1. Files may also be submitted via modem by prearrangement at (807) 622-3686 (2400 N, 8,1) or on PACKET to VE3BQR @ VE3TKA.NON.ONT.CAN.NA.

Dated announcements should be received by the editor(s) no later than ten days prior to the first day of the month in which the notice is to appear.

As a means of reducing production and distribution expenses, Hi-Q will accept advertising at the following per-issue rates: Full page — \$60.00; ½ page — \$40.00; ¼ page — \$20.00; and ⅛ page — \$15.00. Reduced rates, of one third off, are available upon receipt of advance payment for 10 issues (i.e. one full year). Send your "camera ready art work" and cheque (payable to LARC) to the Club address below.

Advertising matter that appears in Hi-Q implies neither endorsement nor recommendation of the product or service by the LARC, Hi-Q or its' Editors.

LARC membership fees, determined annually, are set for 1993, as follows: Regular — \$30.00; Associate — \$20.00; Associate (attending Ham classes) — \$80.00; Student (attending school full time) — \$15.00; and Family — \$30.00, plus \$10.00 for each additional member of the family at the same address.

Hi-Q is distributed to all LARC members, except that only one copy is issued to each address.

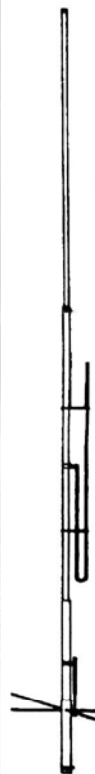
The club call is VE3FW in honour of our founding president, Pat O'Shea. The LARC owns and operates two VHF repeaters, VE3TBR on 146.82 MHz (minus) located atop St. Joseph's Heritage, and VE3YQT on 147.06 MHz (minus) located on Mount Baldy.

The club mail address is: Lakehead Amateur Radio Club Inc., P.O. Box 2571, Thunder Bay ON P7B 5G1.

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**SPECIAL PRICE  
SEPTEMBER ONLY  
\$59.95**

(WHILE SUPPLIES LAST)  
**BUTTERNUT'S 2-MCV  
2 METER TROMBONE**



Now with "Plumber's Delight" construction for unmatched reliability and lightning protection! This omni directional three section collinear gain antenna will more than hold its own against taller and more expensive antennas. And it will stay up there when the other's won't. Unlike other collinear gain designs, the 2MCV requires neither complicated interconnections that can pull apart nor insulators that can break during flexing in high winds. The patented "trombone" phasing section clamps directly to the main tubing element at a low voltage point and this avoids both the structural and wet-weather insulation problems of conventional phasing stubs or coils. The 2MCV's rugged construction insures maximum wind survivability under the most severe conditions, and the gamma match is easily adjustable for lowest possible SWR at any frequency in the 2 meter band. Four resonant radials decouple the radiator from its supporting mast and feedline to suppress unwanted high angle radiation. All hardware is stainless.

**SPECIFICATIONS**

Height: ..... 9.8 feet  
Weight: ..... 3 lbs  
Feed: ..... SO-239  
VSWR: ..... 1.1:1 or less  
Wind Survival: ..... 100+ mph  
Gain: ..... 3 DB

**GARANTENNAS**

721 River Street  
Thunder Bay, Ontario  
VE3BGA/Barry VE3BBS/Skip  
PHONE 807 768 8164  
FAX 807 768 9838

**FOR AMATEURS-BY AMATEURS**

## New product

From: Mary Jo Farell  
Honeywell Inc.  
Keyboard Division

**HONEYWELL SIGNS LICENSING AGREEMENT  
FOR MANUFACTURE  
AND DISTRIBUTION OF EMF TECHNOLOGY  
KEYBOARD**

**New keyboard Neutralizes the Effects of EMF  
Emissions from  
Video Display Terminals**

EL PASO, TEXAS, JULY 8 — Honeywell's Keyboard Division today announced that it has signed an exclusive technology sub-licensing agreement with EMX Corporation to commercially exploit the company's electromagnetic field (EMF) neutralizing technology in computer related equipment applications including keyboards. The EMX technology neutralizes EMF emissions from computers and other sources of emissions. The 101 EMX keyboard will be the only keyboard on the market that can neutralize EMF emissions from computers.

There is a growing body of evidence that links exposure to weak electromagnetic fields to leukemia, brain tumors, breast and skin cancer, reproductive problems, mood disorders and other health maladies. The most significant evidence to date has been a large body of research where repeated studies, done since 1989, have shown links from EMF exposure to increased rates of cancer.

The Vitreous State Laboratory, an advanced state-of-the-art research facility located on the campus of the Catholic University of America in Washington, D.C., recently completed a five-year study on the effects of low frequency EMF exposure at the cellular level and during such study discovered a process that neutralizes the effect of electromagnetic fields. The Catholic University applied for a patent and granted EMX Corporation the exclusive worldwide license to this revolutionary technology. EMX Corporation has sub-licensed this technology to Honeywell for computer related applications.

Various states in this country (U.S.A.) have begun to establish limits for EMF exposure in and around schools. New York and New Jersey are leading this movement toward an EMF safe environment for children. Recently, legislation was introduced in Pennsylvania that, if enacted, will require an EMF warning label, similar to the Surgeon General's warning on tobacco products. (Continued... See News Release... Page 7.

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## Irkutsk Trip Report

*By Pat, VE3HFS.*

When Jim VE3UA and myself Pat VE3HFS first discussed the possibility of travelling to Irkutsk to visit and meet with radio amateurs there, it was not with a great deal of conviction. As time passed and organizing hurdles were leaped, our thoughts became more positive.

Copies of our radio and station licenses were sent to Irkutsk about three months ahead of time so Serge UA0SR could forward them to the Central Radio Authority in Moscow for approval. At the time of our departure the license situation had not been resolved, but, as their favourite saying is "no problem", Serge said everything would be all set when we arrived in Irkutsk. We received the invitations from the Irkutsk Radio Club and forwarded these along with identification, copies of passport and money to cover the cost of visas to visit Russia, to the Russian consulate in Ottawa. We expected a long wait and were pleasantly surprised to receive them within two weeks. Now the die was cast. We then told our travel agent all papers were in hand and to issue tickets for our trip to Russia. While we were waiting for visas, some unrest started to develop in Russia with Boris Yeltsin being challenged by hardliners. We were getting asked by friends and compatriots (in a kidding manner) whether we thought we would be able to return from Russia. We did not think we were valuable enough that the Russians would want to keep us, in fact it was most likely the other way around, they would be glad to see us leave.

When we started to firm up our tickets we found a slight change in our schedule. We originally intended to travel from Thunder Bay to Toronto, Toronto to Zurich, layover in Zurich one night to get some rest, and then complete the trip to Moscow and Irkutsk. The airline changed our departure date from June 3rd to June 4th and there went our night of rest in Zurich. We would end up travelling straight through, getting our sleep in airports and airplanes. We were looking at a 40 hour trip.

We packed our bags, trying to keep our personal possessions to a minimum as we were carrying two HF radios, one laptop computer, and a PK 232 TNC. The radios and laptop computer were carried as hand luggage so they would not get damaged or stolen in transit. It is hard to believe how heavy a carry-on bag can become when it contains two small portable HF radios and you lug it through airports and on and off planes. Jim carried the laptop computer and we had to put the TNC with our checked luggage; we were out of space. Included in our luggage were some solar calculators, small screw driver sets and T-shirts. The T-shirts had the

Lakehead Amateur Radio Club logo embossed on the front. Since we were staying with families in Russia, we also took presents for our hosts families. Gifts are a very important item in Russia and are accepted very sincerely, and greatly appreciated.

The day of departure arrived and Jim and I met at the airport. Skip VE3BBS was there to see us off. It is hard to put your thoughts into words as you contemplated taking off for a country that in the not too distant past did not welcome visitors. You were going to visit with people you had never met and, from reports on the news media, a country where conditions were such that we might have a hard time getting a decent meal (boy, were they ever wrong). We flew Air Canada (Thunder Bay to Toronto to Zurich) and then Swiss Air (Zurich to Moscow). Considering we were carrying a fair amount of electronic equipment as well as our handi talkies, we expected to be delayed by security at each airport. Surprisingly, the only delay was in Zurich where security used a sniffer to check out the equipment for explosives. Security is very tight in Switzerland. We arrived in Moscow right on schedule and walked from the plane into an airport that was far from clean, needing repairs, and immigration and customs men in what looked like military uniforms. We later found out that before the political changes in Russia these were KGB personnel. I also had my first look at a Russian public washroom, which I won't describe except to say facilities were minimal, paper was nonexistent, and cleanliness was not the order of the day.

We cleared immigration, which seemed to be a timed ritual, each passenger being delayed for the same amount of time, and went to wait for our luggage to arrive from the airplane. As we were waiting, a pleasant lady in a Swiss Air uniform came up and asked "are you Canadians?", we said "Yes", and she said "You have lost three pieces of luggage". We found this hard to believe as the luggage from the plane had not arrived in the terminal yet. It turned out Air Canada had taken our luggage on to Geneva and Swiss Air had arranged for it to be flown to Moscow arriving 15 minutes after we did. This was all well and good except another 300 hundred people had arrived while we waited the extra time and there were only two custom agents. This added another two hours to our clearance time, but, we figured "no problem". We had a ride waiting to take us to the domestic airport and with our 3 and 1/2 hours in between flights it would be a piece of cake.

When we finally arrived at the customs bench, we presented an official letter from the Irkutsk Radio Club saying how vital the equipment we were carrying was to the seminar we were attending, the letter being signed by the president of the radio club and embossed with

various official seals. This smoothed our passage. The customs agent read the letter and did not even want to look at the radios and computer, better he should just move us along, which was fine with us.

When we met Grigori, a friend of Vasya UA0SN, who was to drive us to Shermet, the domestic airport, we found out it was 100 km away on the other side of Moscow. Grigori had an ancient Lada that had seen better days, and we only had an hour left to make our connection. Riding down a Moscow freeway in an ancient Lada at 120 Kph and only slowing down for radar traps, is not the recommended thing for tourists to do. Grigori made a valiant attempt and we arrived at Shermet where Jim and I struggled with our bags while Grigori parked his Lada. We went into an airport that Mike Jones, who was there in 1991, described as being remodelled by a group of Hells Angels. We found out that when Aeroflot gives a departure time it means the plane is at the end of the runway waiting to take off. Not at all like North America departures. Grigori said "no problem", and bundled us off to Intourist to check on the next flight. Lo and behold, there was one three hours later and Intourist booked us on this flight.

We had our first food in Russia, sweet tea and some sausage along with dark bread, when Grigori treated us to a snack in a small restaurant next to the Intourist waiting room.

We finally had our chance to fly with Aeroflot, the plane was not new, but the exterior looked okay. We sat down in seats where the cushions had seen lots of use. My seat belt worked, but Jim's didn't. There was an open seat beside us with a seat belt that worked so Jim sat there. As we rolled down the runway we thought the pavement was a bit rough—little did we know. As we started to take off and the weight came off the landing gear the plane went into extreme vibration and various loose articles started to rattle. I don't think the landing gear had been serviced in a long time and God knows what shape the wheel bearings were in. As the wheels were tucked away the vibration stopped and all became fairly quiet. None of the other passengers seemed too concerned, and since we only had two more landings and one more take off before arriving at Irkutsk, we figured our chances of surviving were fairly good. We flew from Moscow to Novosibirsk where the plane refuelled, and then continued on to Irkutsk, a total flying time about 7 hours.

The Russian amateurs met the flight we were supposed to be on at 7:30 AM, and when we did not

arrive, they checked, by long-distance phone, with Grigori who told them of our late departure.

As you can see things had been fairly negative so far and Jim and myself were still wondering if we had done the right thing in travelling to Russia. However, events now started to turn positive. UA0SR, UA0SN, UA0SD, UA0SU, and RA0SS met us at the airport. They seemed glad to see us and best of all they took over carrying the hand luggage which had been weighing us down all the way from Thunder Bay. We then went to Serge's mother's home, (a flat in a five story building), where I would stay for a couple of days. Serge had his radio station set up there and we had our first chance to see Russian radio up close. Ham radio stations in Russia are home brewed and usually consist of a transceiver and amplifier with a Quad being the normal antenna system. Yagi's are the exception. Our radio licenses had been arranged and our calls would be RA0S\VE3HFS and RA0S\VE3UA. It is our understanding Jim and I were the first Canadian amateurs to have been licensed in Siberia. We had lunch, then Jim left with Vasya UA0SN, with whom he was staying. We had arrived in Irkutsk at 10:30 AM after 40 hours of travelling and we were starting to show the effects, however, the Russians had left the afternoon open so we could get a couple of hours sleep.

Serge had arranged for the group to meet at the flat, that evening, and we sat down and had our first supper in Russia. The food was excellent with salad, sausage, meat balls, potatoes etc. and of course the much talked about "VODKA". Russians are extremely inventive when it comes to making toasts. After an evening of dining and imbibing we all relaxed and started enjoying each others company. Most of the group spoke some English and Vasya UA0SN did any translations necessary. We all had a common interest, which was amateur radio, and it was a great way to start communicating.

(To be continued in the next issue of HI-Q)

### Up-grades...

Jo Anne McClenaghan, VE3NMK passed the 5 wpm code test, and promptly moved south to join husband Dave, VE3DOM in Aurora. She received her call after the move. Congratulations, Jo Anne and good luck in the new QTH. Dwayne, VE3DZR has achieved phone privileges and obtained his first DX contact within days. Congratulations Dwayne,

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**New Product...** (Continued from page 4.)

As a result of a recent Swedish study published in September, 1992 Sweden's National Board for Industrial and Technical Development declared that it will proceed "on the assumption that there is a connection between exposure to lower magnetic fields and cancer, in particular, childhood cancer."

The introduction of the 101 EMX keyboard will be the first of many products to incorporate the EMX technology. Honeywell is proud of its association with EMX Corporation in the launching of EMX's first commercial product.

EMX Corporation, based in New York City, is a private corporation established in 1991 to commercialize the technology developed at The Catholic University of America that neutralizes the effects of electromagnetic fields.

Honeywell's Keyboard Division was recently acquired by Key Tronic Corp., a Spokane Washington-based manufacturer of computer keyboards and other input devices. This agreement, which was announced jointly by the two companies in May, will be finalized upon approval of the U.S. government. Upon consummation, Honeywell will obtain an equity interest in Key Tronic, which will then be the world's largest keyboard maker.

For additional information regarding the EMX technology and the 101 EMX keyboard, contact Lou Vasques at Honeywell at (800) 445-6939 or Robert L. Blessey at EMX Corporation at (800) 508-4040.

**Prez Sez...**

The past year, since your present executive assumed office, has been one marked by significant accomplishments. The 900 MHz link for the phone patch on VE3YQT has provided dependable patch communications, and now that it is finally in its' permanent home atop St. Joseph's Herritage, we expect even better signals. We are indebted to Mark, VE3VUK for permitting us to use his building as a temporary site for the lower half of the link when we lost the phone line to Mount Baldy.

Thanks also to the many area hams, both members and non-members, who made donations to the Irkutsk Fund. The equipment we purchased and donated to the Irkutsk Radio Club was very much appreciated and is being put to good use. Serge, UA0SR reported to Pat, VE3HFS that he expected to have the first packet station in Oblast 124 up and running soon.

We now have our own TVI - RFI committee, composed of Mike VE3ZG, Bob VE3JAB, Laurie VE3BCD, Bill VE3EFC; and Lindo VE3NHX. They are busy(?) putting together a lot of information that will be

available to anyone that needs it.

The annual Dinner in March was well attended, with a good time had by all. The guest speaker this year was Mike Jones. His topic, "Superior-Baikal Connect," was of particular interest and enjoyed by all.

Field Day was well attended this year, and even the Gods of Radio smiled on us and opened up the Bands.

As a club, we did our usual public service events, such as the Sibley Ski Tour, the Jeep 500, the Legion Road Race, and the Tri-athlon. We give our sincere thanks to Skip VE3BBS for pulling together operators for the events, and special thanks to all those who helped out when they could.

Once again, a special thanks to Jim VE3UA for all the work done in putting together HI-Q for the last year. Jim, it's starting to look too professional (hi hi). Jim has also done a superb job with our Northwest Ontario Call Book, and is busy getting a new edition ready.

Bill VE3EFC has been busy trying to gather information for the club's Sixtieth Anniversary, and, with the help of Kieth VE3JQ and Ray VE3CH, is busy putting together some history about the club. I'm sure there are more of the senior members of the club helping out, and we are certain to appreciate their input when the final history article comes out.

A special thanks is directed to Laurie VE3BCD for all the technical help in all of the club projects. Without him, I think that many of us would be lost in the installation and upkeep of our repeaters.

We also owe Ed VE3SNW a vote of thanks for running our classes for new hams last year; in the same vein, we must not forget to thank Norm VE3XRC for running the code classes.

There are many other members whom I have not mentioned who have helped out with different things and projects the club is involved in, and I thank them for all their efforts.

One thing we must do is obtain a bigger meeting room, since we seem to be now at standing room only. This is in the works, and the arrangements will be announce as soon as we get it finalized.

73...Terry, VE3TKA.

**Quoteable Quote**

"A sharp tongue and a brilliant mind are seldom found together in the same head." (*Anonymous*)

**Ham Class Flyer**

Pass the word and Boost Amateur Radio! Please post the enclosed flyer on a nearby bulletin board.

**Minutes of a meeting of the Lakehead Amateur Radio Club  
held in room 245, at Confederation College,  
Thunder Bay, Ontario on June 10th, 1993**

The meeting was called to order at 19:30 with 53 members and guests in attendance.

All Amateurs in attendance introduced themselves.

**Review of previous minutes:**

The Minutes of the last meeting dated May 13th, 1993 were published in detail in this month's Hi-Q and received by all members. No questions, additions or deletions were noted.

VE3RVA, Bob moved the minutes be accepted as distributed.

VE3VUK, Mark seconded the motion - Carried.

**Treasurer's Report:**

Skip, VE3BBS reported the annual 1993 — 94 financial statement to date is as follows:

Balance forward from '92-93	\$705.07
Current income	\$15,498.18
Current expenses	\$15,601.68
Balance	\$601.57

There are no outstanding debts.

VE3KRH, Steve moved the Treasurer's Report be accepted.

VE3ZG, Mike seconded the motion - Carried.

**VE3TBR Repeater Update:**

VE3TKA, Terry advised that TBR's new controller requires a little more software work and that the duplexers require additional tuning. It is estimated that the replacement repeater for TBR will be up and running in August of this year. Copies of a new Users Instruction Manual were made available for each member.

**VE3YQT Repeater Update:**

While on the subject of repeaters, Lindo advised our VE3YQT installation at CKPR had to be moved slightly to facilitate the installation of new CKPR equipment. The move was sufficient that a longer telephone line was required. He also reported an audio chip in the controller needed replacement to improve the audio level. All work is now completed.

**Update on Field Day:**

VE3BBS advises that site approval (monitoring station) has been received with the necessary waiver executed in favour of the D.O.C. This of course means that no compensation will be awarded to any amateurs or other members of the public that have an accident at the site during Field Day. **It is noted that VE3BBS, VE3XRC and VE3AJ are the only Amateurs authorized to climb towers at the site.** There are four 60 foot towers and one 150 foot tower. They presently are fitted with dipoles for receiving only. Skip advised that the club has obtained authorization for the use of a Generator from Trans Canada Pipelines. Field Day takes place on the last weekend in June and runs for 24 hours (2 P.M. Saturday to 2 P.M. Sunday) nonstop. **All members are encouraged to participate.**

**Foxhunt Update:**

VE3XMI, Moe, advised the fox hunt held on June 6th, 1993 had 14 participants and that VE3BHN, Bob and VE3MEN, Mel were the winners.

The next fox hunts are to be held as follows:

- July 4th, 1993
- July 18th, 1993
- August 5th, 1993
- August 22nd, 1993

The fox hunts commence at 2 P.M. each day scheduled. Points are awarded for each hunt with the final tally taken on August 22nd, 1993

to see who will be the recipient of the Les Harris Memorial Trophy.

The final hunt of the season will be the First Annual Invitational Fox Hunt held on Sept. 12th, 1993 immediately following the 9:30 A.M. breakfast at the Blue Parrot.

A barbecue, hosted by the Lakehead Amateur Radio Club, will be held following the conclusion of the Sept 12th hunt.

**Thunder Bay Harbour Cleanup:**

VE3BBS, Skip advises that the LARC has been requested to provide on site communications for the City's "Wake Up To Your Waterfront" cleanup operation of 125 KMS of Lake Superior Shoreline. This event will involve 1600 volunteers not including Commercial Businesses and take place on June 11th and 12th. The volunteers will be split up into 20 sections assigned to all waterways. Headquarters for the operation will be at the EMO offices at 330 Vickers Street North and net controllers will be VE3XRC, Norm and VE3BBS, Skip handling all traffic on VE3YQT, 147.06 MHz.

**New Business:**

No word had been received from Pat or Jim who are presently in Russia. Everyone is monitoring 14.140 at 10:00 A.M. every evening.

VE3GTJ, John suggested the club look for a larger meeting room as many members are finding themselves standing. VE3TKA advised that they will try to obtain a larger room commencing this fall.

VE3BBS, Skip advised that the deadline for booking your Dayton trip is June 30th. He requested members to advise him if you wish to go. The bus will handle 40 people and the cost will be \$400.00 per person (double occupancy, you share a room with another amateur) and that \$100.00 down is required with the balance payable June to Feb. 1994. No regular meetings are scheduled in July and August. However, the informal get-togethers, at the Boston Pizza on Arthur Street, which normally follow meetings will continue on each second Thursday at 8:00 pm.

VE3RVA, Bob motioned the meeting be adjourned.

VE3KRH, Steve seconded the motion. Carried.

**50/50 Draw:**

VE3BCD, Laurie thanks everyone - he won \$12.00.

**Club Jackets:**

VE3VUK, Mark brought samples of the new jackets displaying the various colours available and took orders.

Total cost estimated to be \$40.00 to \$45.00 per jacket. Style is similar to Ryden's store type jacket.

VE3YTV, Tim Montroy, a local ham, has opened a new business venture called ACCS which locally manufactures antennas, advise him of your requirements; they have the means to manufacture it. Surplus accessories are also available as well as a full line of other amateur equipment.

VE3JAU, Glen advised that the old VE3TBR repeater will be put to good use. The repeater was previously controlled by a TRS 80 computer. He has purchased additional hardware for the repeater and it is now IBM compatible. The software is being updated and requires additional programming. When completed it will be more flexible and available to anyone to use. **NWO Call-Book users please note: The call is VE3TBI and it will be located in Nolalu. The frequency is 147.300 up 600.**

VE3TKA, Terry put on a demonstration of the new VE3TBR repeater controller, showing everyone how to access it and what it would do.

**Secretarial Note: Probably because of jacket and T-shirt display and all the excitement that resulted, everyone forgot about the "Historical Trivia" question posed in the June, 1993 issue of Hi-Q. Attend the September meeting to learn when and where our first Field Day was held.**

**Meeting adjourned (read — moved to Boston Pizza).**

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## Four Hams Move North

Dave, VE3WAX in Fort Frances passes on to us that Gabe and all the Fritzens have moved to Iqaluk in the North West Territories.

Gabe, VE3SI & VE3ILX resigned his position with Ontario Hydro to assume responsibility for approximately a third of the Hydro in the North West Territories. Gabe is accompanied by his wife Yu-fang, VE3YFF and daughters Faun, VE3YFN and Anemone, VE3YNM. A farewell get together was held at the Rendezvous Restaurant on Thursday July 29<sup>th</sup> to send Gabe and the family off in the proper fashion. We wish you well in your new surroundings, Gabe.

## Update RE: VE3YQT, VE3TBR repeaters

There seems to be a great deal of confusion regarding the use of auto patches on our repeaters lately, partly because of the new repeater recently installed at TBR and the relocation of our YQT phone "up link" to the TBR site.

We have put in a lot of hours to get the new repeater operational and also to move the YQT "up link" to TBR. At times the patches have not been working because of work being done. Also, with the YQT phone link being moved to the TBR site, there is only one phone line available, for the time being, for both sites, at least until we can arrange for the YQT line to be moved by the telephone company. I would expect it to take two to three weeks until it is installed.

We're trying to work both repeaters with one phone line, and it works to a point, but does cause some problems. We will monitor things, and if there is a conflict, we will disconnect the TBR autopatch until the second line is installed. We feel that YQT is the main long distance repeater and, as such, has first priority to the line for the time being.

To dial an autopatch number on YQT, enter, on the keypad and in one continuous string, \*#####, where ##### is the seven digit number you are wanting to dial (i.e. to dial the Weather Office for a forecast, you would enter \*4754225, as a continuous string on one transmission). Its the only way to dial a number unless you are using your speed dial number.

To dial the autopatch on TBR, also use the \* and your seven digit number in one string. If you release the PTT after entering only the \*, the controller will prompt you for number. Also, it will work with an A (on the keypad) and your seven digit number or an A by itself, and the controller will prompt you for the number.

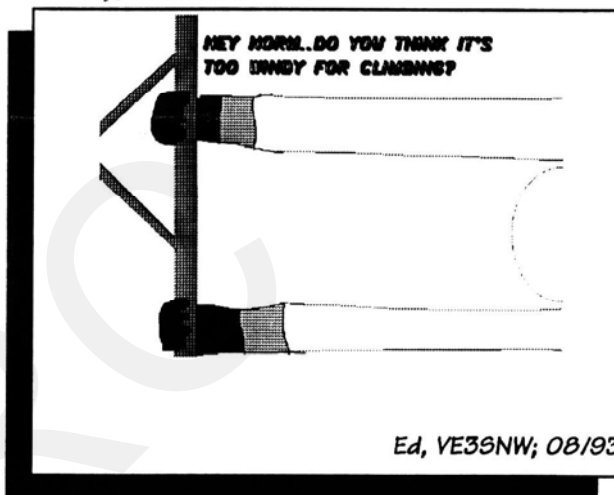
I hope this will clear up the confusion. I am sure that once the second line is installed, things will be

much better.

At the last meeting in June, we distributed user manuals for the new TBR repeater. If you were not at the meeting and didn't get a manual, please contact myself, VE3TKA, or Steve VE3KRH, and we will make arrangements to get one to you. They will be available to any Club member that didn't get one, at the September meeting.

Myself, Steve, and Skip, will be available after the September meeting to anyone that wants some help with the new TBR controller and its features.

73 Terry, VE3TKA.



## Sixtieth Anniversary Committee

As noted in the June Hi-Q, April 17 1994 the Lakehead Amateur Radio Club will be celebrating it's 60<sup>th</sup> anniversary.

The committee organized to plan the events for the year, held one meeting and are considering some activities. None of them are firm as of yet so we will keep you in suspense for a while longer.

Remember, during your HF QSO's, to mention the fact that the LARC will be celebrating next year and extend an invitation to both old friends and new ones to come to Thunder Bay and join us.

It's not too late to give us your recommendations of what you would like to see done during the year. If you are interested, would like to join our group; or make suggestions please call me at work at 767-1161 or at home at 683-3141.

73... Bill Unger, VE3EFC

## Historical Trivia

Apparently, in all the excitement of the June meeting, the question from the last issue of Hi-Q was not brought up. That being the case we pose two questions this month.

First, we repeat last issue's question. "When did our club first participate in the annual ARRL Field Day and where was it held?"

Now for the tough one—here is the question for September. "Who was the first licensed "Ham" in the Canadian Lakehead cities?"

Bring your answers to the monthly meeting, September 9<sup>th</sup>. The first person to give Bill, VE3AJ the correct answers will be the lucky recipient of some nondescript work of art(?) or something else! **Remember, you must be present to win.**

### Highest 10-10 Number...

From *WORLD RADIO*, August 1993 Pg. 60, Chuck Imsande, W6YLJ 10-10 19636.

The highest 10-10 number issued through the end of May 1993 was 64468, issued to Ricky Miller, KD4OKG, of Prestonburg (Floyd County), Kentucky. We are getting close to the next 10-10 milestone of number 65000! It may have been issued by the time you read this. 10-10 just keeps growing.

### Annual Renewals are due

Membership season is upon us once again. The annual fees established last year are still in effect. Membership fees are due on the 29<sup>th</sup> of September. Complete the application form (included with this Hi-Q) and bring it along with the appropriate payment to the September 9<sup>th</sup> meeting.

Club records for those not current on October 29<sup>th</sup> will be deleted.

### FIELD DAY 26-27 JUNE 1993

The object was to work as many stations as possible on any or all the amateur bands and in doing so learn to operate in abnormal situations under less than optimum conditions. That about sums up the objective of this year's field day. As opposed to the year before I was very comfortable in my camper unit with lights, coffee, ASHTRAY and the other amenities that were lacking in '92. It was a pleasure to see the many and varied visitors that dropped out to the monitoring station. Also the set up and the departure crews were most appreciated. Antennas we had to work with this year were a GD-9 all band HF wire antenna, a 40' vertical, portable dipoles, 400 foot long wire and to top it all off, (if that wasn't enough) a TH6 (6 element tri-band). Rigs were supplied by VE3AJ (CW) (what else), VE3XRC (HF SSB/cw), VE3BBS (HF SSB/cw), VE3TKA (HF-SSB) VE3RVA and VE3ILV (6M) and VE3BGA (2M). All in all, we had all the bands covered. We did develop a slight problem with 2M

SSB due to high SWR on the 12 element antenna. (Since rectified). The tally for the exercise was as follows:

MODES	BANDS					TOTAL
	80	40	20	15	10	
CW	-	134	44	61	-	239
SSB	2	136	161	201	64	564
Grand Total						803

I was extremely pleased with the operation this year, but we can always do better. The club as a whole must get the public to attend. To this end an "in town" site has to be selected for the 94 field day, more operators willing to work the rigs, loggers and computer operators etc. However, all in all, another operation completed successfully. One note in closing - BOB - MANY THANKS FOR THE POWER..

### Military Communicators REUNION 93

A major Reunion will be held at CFB Kingston from the 3<sup>rd</sup> to the 6<sup>th</sup> of September 1993. Reunion 93 will mark the 25th anniversary of the Communications and Electronics Branch, the 90th anniversary of the Royal Canadian Corp of Signals, the 60th anniversary of the Telecommunications Branch of the R.C.A.F. and the 55th anniversary of the Wireless Intelligence Service/Supplementary Radio System. Also included will be former members of the R.C.E.M.E. radio & radar trades and members of the Royal Canadian Army Pay Corp.

Full details of the event can be obtained from:

Reunion 93  
Box 2066, Kingston Main  
Kingston, Ontario  
K7L 5J8

Anyone who is unable to attend but would like to send a congratulatory message to the Commandant of the C&E Home Station is invited to do that via packet. All messages received will be relayed from the VE3RCS ham shack to the Forde Building (School of Signals/CFSCE) via restored military radio - either Wireless Set No. 19 or C-42/PRC-26 Sets. Operators on duty will be in WW II period battle dress. It is also intended to operate the VE3RCS ham shack on **Saturday, 4 September '93** to receive messages direct from across Canada.

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Frequencies will be 14.145 starting at 1700 Z & 7.060 at 1900 Z. If you are attending the reunion please drop into the shack (building C-23, NE corner of the parade square).

Hope to see you in person or chat on the radio. 73 for now from Dave, VE3LDG operating the CFB Kingston Club Station VE3RCS @ VE3CDY.#eon.on.can.na

### Packet Clinic

*Presenter: Steve, VE3KRH*

Don't forget the packet clinic, 10:00 a.m. till 12:00 p.m. Sunday September 12, 1993 at the Plus 55 Centre, 700 River Street.

### Sick and Visiting

Barry, VE3BGA is able to receive visitors at home following a short stay in Port Arthur General Hospital. It is requested that you call on 2M (VE3YQT) to verify. All LARC members extend our very best wishes.

*This is a new column in Hi-Q. If anyone becomes aware of any Ham in the area that is*

*hospitalized or ill at home, please contact the Editor, Jim, VE3UA via phone at 626-9648 or 623-7893.*

### HAMFESTminnesota

Just a reminder as advance notice: The annual "HAMFESTminnesota & COMPUTER EXPO!" will be held on Saturday October 30<sup>th</sup>, 1993 in the St. Paul Civic Center, St Paul Minnesota. This one promises to be bigger than ever! Plan ahead, Book now! Listen for updates on VE3YQT 2M Mini Net.

### LARC QSL Cards

Over the summer a Club QSL card has been designed. A sample is shown below. They can be prepared for members on a variety of coloured card stock for \$10.00 per 100 cards. This endeavour is a new Club project and all proceeds will revert to the club. Orders for these cards may be placed with Skip (VE3BBS) at the September meeting.

## AMATEUR RADIO STATION



L.M. (SKIP) WRIGHT  
RR #14 ▼ MAPLEWARD RD  
THUNDER BAY ▼ ONTARIO  
CANADA P7B 5E5



# VE3RCN

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CONFIRMING QSO WITH RADIO STATION	DATE			U T C	F R E Q	R S T	M O D E
	DAY	MON.	YEAR				

PSE QSL    TNX

AN LARC QSL  
GRID EN58

73 .....

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Lakehead Amateur Radio Club History Project

# September

## 1993

SUN	MON	TUE	WED	THU	FRI	SAT
<b>1<sup>st</sup> LARC Invitational Fox Hunt and BBQ</b> <b>11 Sep., following breakfast at the Blue Parrot</b>			1	2	3	4 Panama Anniversary/ Bulgarian DX/ All Asian SSB DX/ Contests
5 Bulgarian DX/ All Asian SSB DX/ Contests. Hymers Fall Fair LARC booth	6 Hymers Fall Fair — LARC booth <b>Labour Day</b>	7	8	9 7:30 PM LARC Meeting — location, TBA	10 Fri. & Sat. Amateur Radio Mall Display, Intercity, 9:00 am — 9:00 pm	11 LARC Invitational Foxhunt. Worked All Europe SSB Contest
12 Packet Clinic 10:00 AM at VE3SAO, 700 River St.	13 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	14 7:30 PM Ham Class	15	16	17	18 Scandinavian Activity CW Contest
19 Scandinavian Activity CW Contest	20 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	21 7:00 PM Ham Class	22	23	24 EMO Exercise listen to VE3YQT for details.	25 CQ WW RTTY Contest Scandinavian Activity SSB
26 CQ WW RTTY Contest Scandinavian Activity SSB	27 7:00 PM 2M Mini Net Swap'n'Shop VE3YQT	28 7:00 PM Ham Class	29	30	<b>Don't loose your LARC privileges, renew your membership now.</b>	

**Come out, participate in the  
informal atmosphere and enjoy an excellent  
breakfast at reasonable prices, each Saturday morning  
at the Blue Parrot.**

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